



CITY OF HOUSTON

Job Posting

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Applications accepted

ALL PERSONS INTERESTED

Job Classification

Chemist IV

Posting Number

PN# 109642

Department

Health & Human Services Department

Division

Environmental Health

Section

Bureau of Air Quality Control

Reporting Location

7411 Park Place

Workdays & Hours

M - F, 8 a.m. - 5 p.m.*

***Subject to change**

DESCRIPTION OF DUTIES/ESSENTIAL FUNCTIONS

Performs, analyzes and interprets highly complex chemical analyses according to established laboratory procedures, ensuring quality control standards are met.

CORE FUNCTIONS

- Designs, develops, performs, coordinates, reports, and communicates on specific and highly complex air toxics mobile laboratory program.
- Conducts scientific, engineering and statistical data collection, analyses, modeling and assessment of air quality data from city's air toxics mobile laboratory and from other related air monitoring networks.
- Operates, maintains, and trouble-shoots the city's mobile laboratory equipped with advanced GC/FID/MS and ancillary sampling and analysis hardware and software systems and devices.
- Develops and conducts laboratory operation conforming to the EPA-acceptable laboratory standards, data quality objectives and quality assurance project plan, and/or other good laboratory practices.
- Works at fixed-base laboratory, mobile laboratory, and other field conditions. Requires Texas Driver License to operate the mobile laboratory vehicle and other city vehicles. Regularly utilizes computer.
- Work is to be performed under general direction with the expectation of initiative, independent judgment, and proactive communication.

WORKING CONDITIONS

The position occasionally requires stooping or bending. Occasional very light lifting, such as three or four reams of papers or books (up to 20 pounds or an equivalent weight) may be required.

MINIMUM EDUCATIONAL REQUIREMENTS

Requires a Bachelor's degree in Chemistry or a closely related field, along with a thorough understanding of air toxics issues and air monitoring and analysis by GC/FID/MS.

MINIMUM EXPERIENCE REQUIREMENTS

Four years of analytical experience involving sophisticated electronic instrumentation in a laboratory or closely related facility are required.

MINIMUM LICENSE REQUIREMENTS

A valid Texas Driver License and compliance with City of Houston policy on driving (AP2-2).

PREFERENCES

- Advanced degree desirable.
- Four years of GC/FID/MS experience on environmental sampling and analysis. Agilent Technologies GC/FID/MS experience on ambient air or volatile organic compounds monitoring and analysis is preferred.
- Excellent written, verbal communication and public presentation skills. Proficiency with computer applications.

SELECTION/SKILLS TESTS REQUIRED

None

SAFETY IMPACT POSITION ☒ Yes ☐ No

This position is subject to random drug testing and if candidate is promoted into this position, he/she must pass an assigned drug test.

SALARY INFORMATION

GENERAL FUNDED POSITION

Factors used in determining the salary offered include the candidate's qualifications as well as the pay rates of other employees in this classification. The salary range is:

Salary Range - Pay Grade 23
\$1,357 - \$2,532 Biweekly \$35,022 - \$65,832 Annually

OPENING DATE

March 29, 2006

CLOSING DATE

Open Till Filled

APPLICATION PROCEDURES

Original applications only and resumes are accepted and must be received by the Human Resources Department during posting opening and closing dates shown, between 9:00 a.m. and 4:30 p.m. at 611 Walker St., 1st floor. Our TDD (Telephone Device for the Deaf) phone number is (713) 837-9471. For application status inquiries, please call (713) 794-9142. All new and rehires must pass a pre-employment drug test and are subject to a physical examination and verification of information provided.

An equal opportunity employer